BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Package No. 02 (Package consists of 14 works)

Second and Part Bill
Total Abstract

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

TOTAL ABSTRACT

Name Of work : -Package No.02 (Package consists of 14 works)

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
1	**KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3**						
	Pampa Extension Rd			373.99			
	Cubic Appartment			33.21			
	Amruth Nagar Sector A			1077.06			
	Talkaveri layout			0.00			
	Kallappa layout			78.48			
	Coffe Broad Layout			782.25			
	Present Qty			2344.99	2340.99		
	Previous Bill Qty			1406.17			
	Total			3751.16	2747.16		
	BOQ qty			10454.76			
	Qty for payment	**Cum**	2340.99	**2344.99**	**217.12**	**509144.66**	508975.00
6	**Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)**						
	Pampa Extension Rd		1787.04	893.52			
	Cubic Appartment			0.00			
	Amruth Nagar Sector A		4039.20	1211.76			
	Talkaveri layout			0.00			
	Kallappa layout		531.36	106.27			
	Coffe Broad Layout			1307.16			
	Present Qty		7664.76	3518.71	7664.76		
	Previous Bill Qty			0.00			
	Total			**3518.71**			
	BOQ qty			**10405.60**			
	Qty for payment	**Sqm**		**3518.71**	**86.2**	**303312.97**	
7	**Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)**						
	Pampa Extension Rd			252.90			
	Cubic Appartment			0.00			
	Amruth Nagar Sector A			1228.38			
	Talkaveri layout			0.00			
	Kallappa layout			16.20			
	Coffe Broad Layout			327.60			
	Present Qty			1825.08			
	Previous Bill Qty			1867.26			
	Total			**3692.34**			
	BOQ qty			**9726.92**			
	Qty for payment	**Sqm**		**1825.08**	**712.28**	**1299967.98**	

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. * BANGALORE *

Contractor

TEJUS CONSULTANTS

Consultant

Assistant Engineer

AE(W)

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

Bengaluru - 560 002

10	**KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)**						
	Pampa Extension Rd			0.00			
	Cubic Appartment			7.40			
	Amruth Nagar Sector A			6.93			
	Talkaveri layout			0.00			
	Kallappa layout			20.93			
	Coffe Broad Layout			0.00			
	Present Qty			35.26			
	Previous Bill Qty			13.41			
	Total			**48.67**			
	BOQ qty			**176.92**			
	Qty for payment	**Cum**		**35.26**	**5723.17**	**201801.84**	
15	**KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4**						
	Pampa Extension Rd			0.00			
	Cubic Appartment			0.00			
	Amruth Nagar Sector A			0.00			
	Talkaveri layout			0.00			
	Kallappa layout			186.80			
	Coffe Broad Layout			0.00			
	Present Qty			186.80			
	Previous Bill Qty			0.00			
	Total			**0.00**			
	BOQ qty			**303.20**			
	Qty for payment	**Sqm**		**186.80**	**942.52**	**176062.74**	
16	**Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13**						
	Pampa Extension Rd			0.00			
	Cubic Appartment			14.67			
	Amruth Nagar Sector A			11.99			
	Talkaveri layout			0.00			
	Kallappa layout			0.00			
	Coffe Broad Layout			0.00			
	Present Qty			26.67			
	Previous Bill Qty			39.80			
	Total			**66.46**			
	BOQ qty			**241.26**			
	Qty for payment	**Cum**		**26.67**	**4748.9**	**126630.37**	

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

17	**Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:4**					
	Pampa Extension Rd			0.00		
	Cubic Appartment			32.61		
	Amruth Nagar Sector A			26.65		
	Talkaveri layout			0.00		
	Kallappa layout			0.00		
	Coffe Broad Layout			0.00		
	Present Qty			59.26		
	Previous Bill Qty			69.09		
	Total			**128.35**		
	BOQ qty			**488.70**		
	Qty for payment	**Sqm**		**59.26**	**110.02**	**6519.35**
18	**KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2015-16)**					
	Pampa Extension Rd			0.00		
	Cubic Appartment			4.64		
	Amruth Nagar Sector A			2.08		
	Talkaveri layout			0.00		
	Kallappa layout			15.70		
	Coffe Broad Layout			0.00		
	Present Qty			22.41		
	Previous Bill Qty			4.77		
	Total			**27.18**		
	BOQ qty			**72.20**		
	Qty for payment	**Cum**		**22.41**	**6171.18**	**138296.14**
20	**Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)**					
	Pampa Extension Rd			0.00		
	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Talkaveri layout			0.00		
	Kallappa layout			206.37		
	Coffe Broad Layout			0.00		
	Present Qty			206.37		
	Previous Bill Qty			188.76		
	Total			**395.13**		
	BOQ qty			**2499.60**		
	Qty for payment	**Sqm**		**206.37**	**1859.66**	**383778.03**

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Bangalore - 560 092

21	**Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)**					
	Pampa Extension Rd			0.00		
	Cubic Appartment			49.35		
	Amruth Nagar Sector A			34.65		
	Talkaveri layout			0.00		
	Kallappa layout			0.00		
	Coffe Broad Layout			0.00		
	Present Qty			84.00		
	Previous Bill Qty			81.90		
	Total			**165.90**		
	BOQ qty			**195.12**		
	Qty for payment	**Sqm**		**84.00**	**5297.57**	**444995.88**
22	**KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)**					
	Pampa Extension Rd			23.29		
	Cubic Appartment			158.21		
	Amruth Nagar Sector A			513.67		
	Talkaveri layout			0.00		
	Kallappa layout			0.00		
	Coffe Broad Layout			51.85		
	Present Qty			747.03		
	Previous Bill Qty			2110.77		
	Total			**2857.80**		
	BOQ qty			**6408.20**		
	Qty for payment	**Cum**		**747.03**	**176.29**	**131693.86**
25	**KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)**					
	Pampa Extension Rd			23.29		
	Cubic Appartment			158.21		
	Amruth Nagar Sector A			513.67		
	Talkaveri layout			0.00		
	Kallappa layout			0.00		
	Coffe Broad Layout			51.85		
	Present Qty			747.03		
	Previous Bill Qty			1807.77		
	Total			**2554.80**		
	BOQ qty			**5302.07**		
	Qty for payment	**Cum**		**747.03**	**1891.85**	**1413268.04**

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Assistant Executive Engineer

26	**KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)**					
	Pampa Extension Rd			101.28		
	Cubic Appartment			5024.25		
	Amruth Nagar Sector A			2233.35		
	Talkaveri layout			0.00		
	Kallappa layout			0.00		
	Coffe Broad Layout			225.45		
	Present Qty			7584.33		
	Previous Bill Qty			3391.75		
	Total			**10976.09**		
	BOQ qty			**22350.08**		
	Qty for payment	**Sqm**		**7584.33**	**29.49**	**223661.97**
27	**KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)**					
	Pampa Extension Rd			6079.29		
	Cubic Appartment			0.00		
	Amruth Nagar Sector A			16875.40		
	Talkaveri layout			9057.89		
	Kallappa layout			0.00		
	Coffe Broad Layout			9480.44		
	Present Qty			41493.01		
	Previous Bill Qty			9231.60		
	Total			**50724.61**		
	BOQ qty			**93451.82**		
	Qty for payment	**Sqm**		**41493.01**	**3.4**	**141076.23**
28	**KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)**					
	Pampa Extension Rd			6180.57		
	Cubic Appartment			5024.25		
	Amruth Nagar Sector A			19291.75		
	Talkaveri layout			9057.89		
	Kallappa layout			0.00		
	Coffe Broad Layout			9705.89		
	Present Qty			49260.34		
	Previous Bill Qty			12623.35		
	Total			**61883.69**		
	BOQ qty			**123762.50**		
	Qty for payment	**Sqm**		**49260.34**	**13.61**	**670433.26**

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TEJUS CONSULTANTS

Consultant

Assistant Engineer

AE(1st)

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

30	**KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)**						
	Pampa Extension Rd			247.22			
	Cubic Appartment			200.97			
	Amruth Nagar Sector A			771.67			
	Talkaveri layout			362.32			
	Kallappa layout			0.00			
	Coffe Broad Layout			388.24			
	Present Qty			1970.41			
	Previous Bill Qty			504.93			
	Total			**2475.34**			
	BOQ qty			**4632.08**			
	Qty for payment	**Cum**		**1970.41**	**8686.84**	**17116668.55**	
	GRAND TOTAL					**23287311.87**	

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092